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Brazil

Tomatoes and Products

Annual

2000

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Report Highlights:
Brazilian tomato production fell 8 percent in 2000 to 2.99 million tons, largely due to a 13-percent drop in acreage planted. Total tomato production for 2001 is forecast to increase 5 percent to 3.15 million tons.

Includes PSD changes: Yes
Includes Trade Matrix: Yes
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EXECUTIVE SUMMARY

Brazilian tomato production fell 8 percent in 2000 to 2.99 million tons, due to a 13-percent drop in acreage planted. With the exception of the center-west, all regions in the country experienced a drop in production. Producers reduced acreage as a result of poor sales and low prices after the 1999 crop. Tomato production in the south suffered losses in 2000 due to a severe winter and damaging frosts. Despite the losses and lower production, yields in Brazil reached new record highs.

Total Brazilian tomato production for 2001 is forecast to increase 5 percent to 3.15 million mt. Marketing, sales, and prices of the 2000 crop were considerably better than during the previous year, thereby encouraging producers to increase acreage and production. New higher-yielding tomato varieties are expected to further boost yields and production in 2001.

PRODUCTION

Total Tomato Production

Post is estimating an 8-percent decrease in total Brazilian tomato production in 2000 to 2.99 million tons. Total Brazilian tomato production for 2001 is forecast to increase 5 percent to 3.15 million mt.

Production dropped in 2000 primarily due to a reduction in acreage planted. With the exception of the center-west, all regions in the country experienced a drop in production. Producers reduced acreage and investments as a result of poor marketing, sales, and prices after the 1999 crop. Some regions in the south suffered losses this year due to damaging winter frosts. Despite lower production, yields continue to increase and reached record highs in 2000 of 53,761 kg/ha.

Due to the growth potential for Brazilian consumption, Brazilian agricultural institutes and seed research companies have invested considerable resources to develop new and improved tomato varieties during the last 20 years. These efforts have spurred the growth in yields in Brazil. New varieties and greater use of inputs and technology are boosting productivity, as is evidenced in the chart below:

Average Yield of Brazilian Tomato Production (kg/ha): 1996-2000

1996	1997	1998	1999	2000
37,332	41,781	44,032	50,369	53,761

Source: IBGE

Brazilian tomato production is expected to increase in 2001. Marketing, sales, and prices of the 2000 crop were considerably better than during the previous year, thereby encouraging producers to increase acreage and production. An increase in production is also expected due to increased success in fighting pests in some regions. New higher-yielding tomato varieties are expected to further boost yields and production.

There are no official Brazilian statistics distinguishing processing and table tomatoes. The following table summarizes total Brazilian tomato production:

Brazilian Tomato Production by Region (MT)

REGION	1999	2000
North	4,055	4,055
Northeast	421,062	346,178
Southeast	1,688,872	1,515,677
South	348,755	313,128
Center-West	788,302	810,046
TOTAL	**3,250,946**	**2,989,084**

Source: IBGE

For Fresh Consumption

There are no official numbers on table tomato production. According to industry contacts, tomatoes for fresh consumption account for 60 to 70 percent of total Brazilian tomato production. However, the percentage of production for processing tomatoes has been increasing, and is expected to continue growing.

The state of São Paulo (SP) remains the principal producer as well as the major consumer market for table tomatoes in Brazil. Although, neighboring states have been increasing shipments of table tomatoes to São Paulo, due to growing demand.

For Processing

Tomatoes are produced throughout Brazil, primarily for the consumption of fresh tomatoes, but there are three regions within Brazil that are commercially important for processing tomatoes. These are:

> **Region 1:** the states of Bahia (BA) and Pernambuco (PE) in the northeast region (planting in March-May, harvesting in June-October),
> **Region 2:** the states of Goias (GO) and Minas Gerais (MG) in the center of the country (planting in March-June, harvesting in June-October), and
> **Region 3:** the state of São Paulo (SP) in the center-south region (planting in February-June, harvesting in June-November).

Based on official Brazilian statistics (IBGE), these three regions account for roughly 75 percent of all tomato production in Brazil, and virtually all the processing tomato production. Processing tomato production continues to shift away from Region 1 in the Northeast of the country to Region 2 in the center of the country. According to industry sources, tomato production has declined in Region 1 due to a decrease in the area devoted to processing tomato production. The factors cited in previous reports continue to be the driving force in this shift; i.e., continuing expansion of fruit production (bananas, grapes, mangoes, guavas) in the region continues to displace industrial tomato production due to better financial returns. Last year, contacts cited the disease/pest problems, particularly with the white fly as the major problem in Region 1. In addition to the production losses due to the white fly itself, contacts noted that the increased cost of pesticides and other inputs to combat the problem, as well as the increased transportation costs (as producers try to move their production away from heavily infested areas) are making it too expensive to produce industrial tomatoes there. Industry contacts continue to believe that there is little possibility for processing tomato production in this area to recover in the near to middle term and the major producers are making major investments in new facilities in Region 2. One contact stated that in a few years there would be no processing tomato industry in Region 1 at all and that soon Region 2 would be the only major industrial tomato production area in the country.

Production of processing tomatoes in Region 3 is also expected to gradually decrease over the long-term due to competition for area by other crops, urban encroachment, and subsequent increases in land values. Disease and pests are also a problem in this area and the cost of keeping these under control reduces the cost incentive to continue to grow processing tomatoes there.

Based on industry estimates, Post forecasts that 2000 processing tomato production will increase 4 percent to 1.25 million mt. Producers are expected to increase acreage due to improved prices and sales. Production is expected to further increase due to higher yields and better varieties, improved technology, and fewer problems with pests. However, expansion is constrained by slow growth in consumption and inability to quickly expand processing capacity.

Tomato Paste Production

Since no official data on tomato products exists in Brazil and there is not a good match between terms used in Brazil and those used in the United States, it is difficult to estimate production numbers for tomato paste. In general, industry contacts indicate that 70-75 percent of domestic production of processing tomatoes goes into paste and "extratos" and "puree" and the remainder goes into sauces. Brazilian production of tomato paste is estimated at 110,000 tons in 2000, and 130,000 tons in 2001. The majority of the paste is used in further processing for consumer-ready sauces and other such products.

Canned Tomato Production

Both Brazilian production and consumption of canned tomatoes are almost non-existent. What little production exists is used in the form of diced tomatoes which is further processed into consumer-ready sauces and other such products. Consumer-ready sauces in the supermarkets in Brazil tend to be very smooth, including the sauces with additional ingredients and flavorings, reflecting Brazilian consumer preference. In general, Brazilian consumers do not use canned tomatoes in cooking at home either. The very small amount of canned tomatoes that are on the supermarket shelves are either from Italy or Argentina.

CONSUMPTION

Demographic Trends and Tomato Product Consumption

Prior to the introduction of the economic stabilization program, the Real Plan, in mid-1994, sales of tomato products had been basically flat. However, since the introduction of the Real Plan until the January 15, 1999, devaluation of the Brazilian currency, there had been an increase in consumer purchasing power and a fundamental shift in consumer preference toward ready-to-eat and "semi-ready-to-eat" foods in Brazil. This in turn has lead to increased consumption in prepared tomato-based products such as "ethnic" sauces for cooking meats, and for pasta, and ketchup. In addition to increased purchasing power, Brazilians have less time to go shopping for fresh produce, more women are entering the work force, more people are working "9-to-5" jobs, fewer people have time to go home for lunch and are eating fast food for lunch, fewer people have full-time maids to do the cooking, and urbanization is increasing. In addition, increasing consumption of fast food (pizzas, hot-dogs, hamburgers) has also increased demand for tomato products.

The recent changes in Brazilian consumer habits and lifestyles are expected to continue to drive consumption trends in Brazil over the long term. However, shorter-term economic factors in 1998 and 1999 have slowed growth in consumption of tomato-based products. In 1998, the Brazilian economy experienced a slowdown, due to spill-over of the South-east Asian fiscal crisis which acted as a drag on consumption. In January 1999, Brazil devalued its currency. The economy recovered from the impact of the devaluation more quickly than previously expected, and consumption should recover and continue to grow at a healthy pace.

Fresh Tomato Consumption

Per capita tomato consumption is fairly low in Brazil, particularly for fresh tomatoes. According to Ceagesp (A Sao Paulo based Agricultural Institute), Brazilian per capita tomato consumption is 6.3 kilos per year, while per capita consumption in Norway, Greece, Switzerland, and other countries exceeds 40 kilos per year. Brazilian fresh tomato consumption should increase with economic growth, improvement in varieties and quality control.

TRADE

Historically, the majority of Brazilian imports of tomato products is in the form of tomato paste (imported paste is 28-32 Brix) which is used to supplement domestic production and is further processed in Brazil into consumer-ready sauces and other similar products. However, in the last few years, there has been an increase in the imports of consumer-ready sauces as shown in the trade data below. Most Brazilian imports of tomato paste, when they occur, enter the country during the first half of each calender year after the Brazilian harvest has already been processed and subsequently used in the production of finished products (harvesting in Brazil ends in October/November). In the past, the vast majority of Brazilian imports of tomato products have come from Chile, as they are the largest and most efficient producer in the region. Imports of most tomato products dropped considerably in 1999 because the January 1999 devaluation of the Brazilian currency increased the cost of imported products. Conversely, Brazilian exports of fresh tomatoes, primarily to neighboring countries, increased in 1999 as the devaluation made Brazilian products more competitive.

The United States is the leading supplier to Brazil of ketchup in containers of less than 1 kilogram, accounting for 70 to 80 percent of all exports. However, U.S. ketchup exports have dropped considerably since 1998, perhaps due to increasing Brazilian imports of bulk ketchup, which is repackaged in Brazil.

Tariffs

As of November 13, 1997, Brazil’s applied Common External Tariff (CET) rates for non-MERCOSUL trading partners for selected tomato products are:

HS code:	0702.00	13 percent
	2002.10	17 percent
	2002.90	17 percent
	2103.20.10	21 percent
	2103.20.90	19 percent

Brazil's tariff rates for MERCOSUL partners (Argentina, Uruguay, Paraguay) are:

HS code:	0702.00	0 percent
	2002.10	0 percent
	2002.90	0 percent
	2103.20.10	0 percent
	2103.20.90	0 percent

Chile and Bolivia are associate members of MERCOSUL and receive preferential reductions of duty from the CET.

OTHER

Industry Structure and Investments

The intra-industry fight for Brazilian market share, which began in 1997, continues to affect this sector. The major players in the sector are CICA (owned by Gessy-Lever) with 50 percent of the tomato products market, Arisco with 23 percent, Etti (purchased by Parmalat) with 13 percent, and Peixe with 5 percent. All the major companies continue to invest in marketing, new lines of products, and building or modernizing factories to capture additional market share. In June 1999, CICA announced the opening of a new factory in the state of Goias (Region 2) with a production capacity of 60,000 mt per year at a total investment cost of about R$250 million. Late in 1999, press articles discussed the strong possibility of Arisco being sold as well. Reports state that there are 14 offers for the company and that Heinz is a strong candidate as a buyer.

Among horticultural products in Brazil, tomatoes suffer one of the highest rates of product loss. More than 40 percent of total production ends up as garbage, largely due to improper handling. The common forms for packing and packaging are common causes for product damage. Tomatoes are generally packed in wooden "K boxes," which are often infested with harmful bacteria and mold. The tomatoes are easily contaminated. Furthermore, the tomatoes on the bottom of the crates are crushed, thereby accelerating the rotting of the fruit.

Industry Terms and Standards

Terms for the different classes of products are used differently in Brazil than they are in the United States and this could cause some confusion. In both the United States and Brazil, paste is considered to be a product that has 28-32 Brix; generally 31 in Brazil.

Brazil also has a class of products that are called "extratos" or extracts. Extratos have 21 Brix and can be considered to be a "semi-concentrated" product. Puree would probably be the most similar product in the

United States. The difficulty is that paste and extratos are considered one class of products by industry and trade and it is difficult to make a distinction between the two in the case of Brazil. In general, it can be assumed that imported paste in 28-32 Brix but domestic production will include products that are 28-32 Brix and products that are 21 Brix.

To further confuse the issue, Brazil also has a class of products termed “puree,” which has 12 Brix and is analogous to tomato sauce in the United States. Finally, there are “sauces” which also have 12 Brix but have other ingredients or flavorings in them and are more consumer-ready than the other classes of products.

PS&D TABLES

Fresh Tomatoes PS&D

PSD Table						
Country	Brazil					
Commodity	Fresh Tomatoes				(HA)(MT)	
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/1999		01/2000		01/2001
Plnt For Fresh Consump	42960	43170	41030	37321	0	39190
Plnt For Processing	21510	21600	18590	19000	0	19570
TOTAL Area Planted	64470	64770	59620	56321	0	58760
Harv. For Fresh Cons.	42400	42600	40825	37000	0	38800
Harv. For Processing	21400	21350	18500	18500	0	19200
TOTAL Area Harvested	63800	63950	59325	55500	0	58000
Fresh Sale Production	1979000	2005946	1950000	1789084	0	1900000
Processing Production	1225000	1245000	1000000	1200000	0	1248000
TOTAL Production	3204000	3250946	2950000	2989084	0	3148000
TOTAL SUPPLY	3204000	3250946	2950000	2989084	0	3148000

Tomato Paste PS&D Table

PSD Table						
Country	Brazil					
Commodity	Tom. Paste,28-30% TSS Basis				(MT)(MT, Net Weight)	
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/2000		01/2001		01/2002
Deliv. To Processors	0	0	0	0	0	0
Beginning Stocks	17449	4589	1599	17449	1599	1599
Production	110000	135000	110000	110000	0	130000
Imports	500	10	500	500	0	400
TOTAL SUPPLY	127949	139599	112099	127949	1599	131999
Exports	1000	450	1000	1000	0	600
Domestic Consumption	125350	121700	109500	125350	0	126000
Ending Stocks	1599	17449	1599	1599	0	5399
TOTAL DISTRIBUTION	127949	139599	112099	127949	0	131999

Canned Tomatoes PS&D Table

PSD Table						
Country	Brazil					
Commodity	Canned Tomatoes				(MT)(MT, Net Weight)	
	Revised	1999	Preliminary	2000	Forecast	2001
	Old	New	Old	New	Old	New
Market Year Begin		01/2000		01/2001		01/2002
Deliv. To Processors	0	0	0	0	0	0
Beginning Stocks	2855	2855	855	855	360	360
Production	2150	2150	2355	2300	0	2600
Imports	4675	4675	6500	6000	0	6200
TOTAL SUPPLY	9680	9680	9710	9155	360	9160
Exports	165	165	300	195	0	200
Domestic Consumption	8660	8660	9050	8600	0	8750
Ending Stocks	855	855	360	360	0	210
TOTAL DISTRIBUTION	9680	9680	9710	9155	0	9160

Trade Tables

Imports

Brazil: Imports of Tomatoes and Tomato Products, by Country of Origin, Annual Data for 1997-1999, Jan-Oct for 2000, Volume (kilograms) and Value (US$1,000)

0702 Tomatoes, Fresh or Refrigerated								
Brazil Imports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Venezuela	381800	48	77760	10	0	0	79040	7
Netherlands	19582	29	19326	56	8150	16	8029	16
Italy	18031	8	17760	11	0	0	884	2

Spain	696	1	380	1	0	0	375	0.7
Belgium	0	0	675	1	0	0	100	0.2
Argentina	69192	32	273780	110	0	0	25	0.05
Saudi Arabia	0	0	60	1	0	0	0	0
Bolivia	4800	1	0	0	0	0	0	0
Chile	38560	41	141095	170	0	0	0	0
United States	0	0	0	0	88	0.4	0	0
France	1154	5	0	0	0	0	0	0
Israel	0	0	60	0.5	0	0	0	0
Peru	0	0	0	0	2200	1	0	0
Uruguay	0	0	1116	0.6	0	0	0	0
WORLD TOTAL	533815	165	532012	361	10438	17	88453	26
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.10.00 Tomatoes, Whole or in Pieces, Prepared/Preserved								
Brazil Imports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Italy	3758114	1863	6222959	3210	4236447	2194	2111197	937
Chile	2446921	1451	67	28	64142		50702	20
China	0	0	0	0	0	0	4004	5
Spain	32847	18	13006	8	22320	10	3200	5
United States	2606231	1344	2020	3	0	0	2443	8
Turkey	0	0	0	0	0	0	1000	3
Israel	0	0	0	0	130	0.2	0	0
Portugal	2995	3	0	0	60	0.3	0	0
Argentina	158491	158	580533	411	560360	352	0	0
WORLD TOTAL	9005609	4837	6929740	3699	4883459	2585	2172546	979
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.90.10 Tomato Paste								
Brazil Imports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Chile	34409305	27133	26468707	21206	19942037	16526	15792217	8452
Italy	404850	252	754775	463	1458950	817	1098449	591
Peru	3548327	2755	0	0	0	0	622000	216
Sweden	0	0	6000	26	6000	24	11000	37
United States	23316677	14899	3585923	2234	1383	7	1326	4
Argentina	169276	108	169160	169	0	0	0	0
Bangladesh	0	0	0	0	14863	5	0	0
China	496683	265	0	0	802816	634	0	0
Spain	2714444	1736	83680	59	0	0	0	0
Greece	16432	13	0	0	0	0	0	0
Mexico	2643507	1967	0	0	0	0	0	0
Portugal	14458	7	0	0	0	0	0	0
Uruguay	0	0	1200	1.5	0	0	0	0
WORLD TOTAL	67734344	49135	31071255	24158	22226175	18013	17524992	9300
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.90.90 Tomatoes, Any Other, Prepared/Preserved, Except by Vinegar or Acetic Acid								
Brazil Imports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Chile	25417981	19679	26405820	21152	19942037	16526	15792217	8452
Italy	403985	252	754775	463	1452230	815	1098449	591
China	103131	62	0	0	802816	634	0	0
Bangladesh	0	0	0	0	14863	5	0	0
Sweden	0	0	6000	26	6000	24	11000	37
United States	6534168	4177	12	0.2	663	5	73	0.4
Greece	16432	13	0	0	0	0	0	0
Mexico	2121846	1562	0	0	0	0	0	0
Peru	0	0	0	0	0	0	622000	216
Portugal	14458	7	0	0	0	0	0	0
Uruguay	0	0	1200	1.5	0	0	0	0
Argentina	169276	108	169160	169	0	0	0	0
Spain	2714444	1736	69352	50	0	0	0	0
WORLD TOTAL	37496106	27595	27407258	21863	22218735	18010	17523739	9297
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2103.20.10 "Ketchup" and other Tomato Sauces, in Containers of 1 kg or Less								
Brazil Imports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)

Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
United States	330624	491	2149429	2468	1476559	1719	544833	630
Italy	151027	222	436183	455	313058	397	201725	256
Chile	0	0	0	0	0	0	830	1
Argentina	694402	1142	400360	624	444	1	315	0
France	2325	5	706	1	0	0	0	0
Netherlands	2880	6	1057	2	0	0	0	0
Portugal	870	2	6025	6	2519	2	0	0
Uruguay	0	0	4032	6	0	0	0	0
Venezuela	61256	68	60270	76	30129	41	0	0
Germany	3158	10	0	0	0	0	0	0
Belgium	0	0	840	1	0	0	0	0
Canada	78013	104	162063	205	49169	57	0	0
Egypt	0	0	0	0	4172	17	0	0
Spain	4919	5	1772	3	0	0	0	0
WORLD TOTAL	1330395	2057	3222759	3847	1876071	2233	747733	887
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2103.20.10 "Ketchup" and other Tomato Sauces, in Containers of More than 1 Kg							
Brazil Imports							
			(January - December)				

							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Italy	39879	53	82235	71	89997	71	126581	94
Chile	0	0	12078	12	20700	20	22950	22
United States	7901	8	44222	51	7164	7	127235	121
Japan	0	0	2320	10	6639	14	1171	3
Argentina	3060	3	0	0	0	0	0	0
Spain	17200	13	0	0	0	0	0	0
France	96	0.4	0	0	0	0	18171	30
United Kingdom	9500	9	0	0	0	0	0	0
WORLD TOTAL	78618	86	140958	144	124605	112	296132	271
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

Exports

Brazil: Exports of Tomatoes and Tomato Products, by Country of Origin, Annual Data for 1997-1999, Jan-Oct for 2000, Volume (kilograms) and Value (US$1,000)

0702.00 Tomatoes, Fresh or Refrigerated								
Brazil Exports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000

Argentina	1521665	382	14738998	3844	51662973	11454	19032092	4591
Uruguay	964494	311	2308664	730	3259620	969	936810	223
Paraguay	0	0	0	0	30900	8	42834	9.4
Angola	0	0	0	0	0	0	800	0.5
Cape Verde	8573	7.5	2024	2	0	0	0	0
French Guiana	0	0	0	0	3723	1.3	0	0
WORLD TOTAL	2494732	701	17049686	4576	54957216	12432	20012536	4824
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.10.00 Tomatoes, Whole or in Pieces, Prepared/Preserved								
Brazil Exports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Paraguay	99193	191	33066	60	2207	4	48115	58
Argentina	0	0	0	0	129600	35	46079	45
Angola	0	0	600	1.4	2860	1.5	5590	7
United States	0	0	0	0	24	0.04	2849	5
Bolivia	0	0	200	0.3	5104	7	81	0.1
Japan	23120	35	0	0	0	0	0	0
Uruguay	16035	21	22526	31	23595	23	0	0
WORLD TOTAL	138348	247	56392	93	163390	70	102714	115
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.90.10 Tomato Paste								
Brazil Exports								
			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Bolivia	158548	169	163116	201	156442	174	64198	70
Haiti	0	0	0	0	0	0	37944	29
Angola	2457	4	2164	2	262	0.1	20600	16
Japan	20427	39	39497	67	14058	17	13344	21
Paraguay	1625202	1876	934974	1067	217629	294	0	0
Suriname	4704	5	1066	1	1478	1	0	0
Uruguay	529711	387	279563	155	14450	12	0	0
Venezuela	5203	5	0	0	0	0	0	0
Argentina	8307022	4860	4224577	2015	0	0	0	0
Cape Verde	104150	115	46628	42	39360	29	0	0
Chile	13842	16	8557	12	5013	6	0	0
Colombia	8112	8	3194	2	0	0	0	0
Cuba	8931	8	23872	13	0	0	0	0
WORLD TOTAL	10788309	7491	5727826	3579	448692	533	136086	137
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2002.90.90 Tomatoes, Any Other, Prepared/Preserved, Except by Vinegar or Acetic Acid								
Brazil Exports								
			(January - December)					

							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Argentina	65942	69	3834500	1908	11655887	4551	4708923	2022
Paraguay	2923994	5239	3586065	5102	3813922	4061	3553493	3377
Uruguay	95473	110	510948	405	1542180	813	1716068	846
Cape Verde	17316	19	112075	125	265230	247	26716	23
Bolivia	12615	17	16093	23	65177	69	115814	122
Colombia	0	0	0	0	26576	15	9087	6
Cuba	504	0.5	4578	3	16163	10	0	0
Chile	2298	2	11424	14	15810	16	17620	17
Japan	7119	9	29993	50	9642	15	7854	10
Lebanon	0	0	0	0	8321	8	0	0
Angola	0	0	284	0.3	7351	12	22321	18
Peru	0	0	0	0	1680	1	0	0
United States	1260	2.5	165	0.5	9	0	351	1
Haiti	0	0	0	0	0	0	37944	30
WORLD TOTAL	3126521	5468	8106125	7632	17429056	9820	10216759	6473
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2103.20.10 "Ketchup" and other Tomato Sauces, in Containers of 1 kg or Less	
Brazil Exports	

			(January - December)					
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Argentina	1159091	1105	1033105	828	1087634	706	4750702	3545
Paraguay	447155	552	451070	464	661561	587	1030771	914
Uruguay	468420	427	712853	507	994465	587	790050	489
Chile	54562	58	25153	29	18178	21	603384	520
Haiti	0	0	0	0	92659	84	86580	78
Japan	55568	137	74728	127	53862	71	74610	115
Australia	18247	17	109482	102	145976	102	36494	30
Bolivia	21809	24	25965	27	14047	13	24496	20
United States	504	0.7	320	0.4	25385	28.5	23793	19
Colombia	0	0	8590	7	53479	43	7752	7
Angola	2600	7	1338	2	4800	7	5879	9
Gibraltar	0	0	0	0	0	0	3557	3
Cape Verde	4437	6	1345	2	1971	2	3245	3
Dominican Republic	0	0	0	0	0	0	3024	4
Slovenia	0	0	0	0	0	0	1257	3
Cuba	5770	9	4116	6	383	0.5	187	0.2
Gambia	9725	12	0	0	8640	8	0	0

Peru	0	0	0	0	2448	2	0	0
Portugal	0	0	0	0	1732	2	0	0
Venezuela	8367	8	2150	2	0	0	0	0
Lebanon	0	0	0	0	3024	3	0	0
WORLD TOTAL	2256639	2363	2451208	2104	3174389	2269	7446637	5763
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								

2103.20.10 "Ketchup" and other Tomato Sauces, in Containers of More than 1 Kg								
Brazil Exports								
		(January - December)						
							(Jan-Oct)	(Jan-Oct)
Country	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)	Kilograms	(US$1000)
	1997	1997	1998	1998	1999	1999	2000	2000
Japan	113803	329	115601	320	146686	332	71712	156
Argentina	42629	118	33566	22	114643	83	19584	13
Uruguay	173633	138	20443	31	48690	57	129002	71
Paraguay	155074	180	45920	53	32872	24	69615	51
Angola	1600	3	17218	18	18292	20	49602	48
Bolivia	7343	8	37602	41	8663	9	15436	15
Slovenia	0	0	0	0	900	3	1200	5
United States	0	0	115	0.3	659	1	1571	3
Chile	5373	5	11406	14	628	1	16381	17
Suriname	0	0	852	2	372	0.3	0	0
Venezuela	1397	1.5	0	0	164	0.6	0	0
Australia	109482	100	0	0	0	0	18247	15
WORLD TOTAL	610334	884	282723	502	373759	532	392350	394
Source: World Trade Atlas (Ministry of Development, Industry, and Commerce)								